

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
 Data File : BF128045.D
 Acq On : 03 May 2022 14:55
 Operator : CG\JU
 Sample : N2663-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-25MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/04/2022
 Supervised By : Jagrut Upadhyay 05/04/2022

Quant Time: May 04 04:26:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	111118	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	442877	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	259620	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	459903	20.000	ng	0.00
76) Chrysene-d12	14.104	240	219418	20.000	ng	0.00
86) Perylene-d12	15.610	264	223817	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	892631	127.951	ng	0.01
7) Phenol-d6	6.557	99	1223550	135.165	ng	0.00
23) Nitrobenzene-d5	7.487	82	886962	94.177	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	385062	147.335	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1389052	90.514	ng	0.00
79) Terphenyl-d14	13.039	244	1282039	106.841	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.805	88	130987	39.352	ng	98
3) Pyridine	3.575	79	357642	41.934	ng	97
4) n-Nitrosodimethylamine	3.540	42	221171	53.575	ng	94
6) Aniline	6.587	93	529737	49.254	ng	99
8) 2-Chlorophenol	6.704	128	402388	55.573	ng	98
9) Benzaldehyde	6.469	77	256070	45.726	ng	93
10) Phenol	6.569	94	500146m	54.781	ng	
11) bis(2-Chloroethyl)ether	6.657	93	404750	53.442	ng	99
12) 1,3-Dichlorobenzene	6.857	146	413262m	49.583	ng	
13) 1,4-Dichlorobenzene	6.934	146	419132	50.380	ng	96
14) 1,2-Dichlorobenzene	7.087	146	404829	52.564	ng	98
15) Benzyl Alcohol	7.063	79	421014	68.393	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.187	45	604948	52.262	ng	99
17) 2-Methylphenol	7.175	107	343671	55.011	ng	96
18) Hexachloroethane	7.428	117	164522	53.792	ng	97
19) n-Nitroso-di-n-propyla...	7.334	70	322519	58.203	ng	96
20) 3+4-Methylphenols	7.328	107	400262	53.037	ng	# 87
22) Acetophenone	7.334	105	564659	52.311	ng	94
24) Nitrobenzene	7.504	77	496875	54.750	ng	98
25) Isophorone	7.745	82	937254	59.128	ng	99
26) 2-Nitrophenol	7.822	139	218397	56.474	ng	94
27) 2,4-Dimethylphenol	7.851	122	382238	59.507	ng	95
28) bis(2-Chloroethoxy)met...	7.951	93	528178	51.992	ng	98
29) 2,4-Dichlorophenol	8.063	162	354243	52.641	ng	100
30) 1,2,4-Trichlorobenzene	8.139	180	379281	49.618	ng	98
31) Naphthalene	8.228	128	1142520	50.651	ng	100
32) Benzoic acid	8.004	122	253860	55.138	ng	98
33) 4-Chloroaniline	8.269	127	246931	27.668	ng	96
34) Hexachlorobutadiene	8.334	225	249795	51.881	ng	99
35) Caprolactam	8.669	113	107540m	49.507	ng	
36) 4-Chloro-3-methylphenol	8.763	107	404393	56.268	ng	97
37) 2-Methylnaphthalene	8.916	142	786201	52.739	ng	98
38) 1-Methylnaphthalene	9.016	142	755698	52.154	ng	98
40) 1,2,4,5-Tetrachloroben...	9.086	216	392208	51.254	ng	99
41) Hexachlorocyclopentadiene	9.063	237	434886	104.894	ng	99
43) 2,4,6-Trichlorophenol	9.198	196	264805	52.591	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
 Data File : BF128045.D
 Acq On : 03 May 2022 14:55
 Operator : CG\JU
 Sample : N2663-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-25MSD

Quant Time: May 04 04:26:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/04/2022
 Supervised By : Jagrut Upadhyay 05/04/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	277997	50.788	ng	99
46) 1,1'-Biphenyl	9.386	154	983711	51.152	ng	99
47) 2-Chloronaphthalene	9.410	162	728686	49.773	ng	96
48) 2-Nitroaniline	9.510	65	275778	55.688	ng	95
49) Acenaphthylene	9.828	152	1176539	52.537	ng	99
50) Dimethylphthalate	9.686	163	923652	53.048	ng	100
51) 2,6-Dinitrotoluene	9.751	165	211714	56.161	ng	92
52) Acenaphthene	9.998	154	861575m	57.225	ng	
53) 3-Nitroaniline	9.922	138	145475	34.751	ng	96
54) 2,4-Dinitrophenol	10.033	184	223428	112.539	ng	# 80
55) Dibenzofuran	10.175	168	1047122	48.205	ng	98
56) 4-Nitrophenol	10.092	139	286580	89.652	ng	89
57) 2,4-Dinitrotoluene	10.163	165	273758	54.823	ng	# 83
58) Fluorene	10.516	166	834884	51.508	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.292	232	231254	50.241	ng	96
60) Diethylphthalate	10.386	149	914352	53.554	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	419235	52.049	ng	96
62) 4-Nitroaniline	10.545	138	195941	47.877	ng	91
63) Azobenzene	10.669	77	971309	51.701	ng	97
65) 4,6-Dinitro-2-methylph...	10.569	198	150880	55.213	ng	89
66) n-Nitrosodiphenylamine	10.628	169	755388	52.786	ng	100
67) 4-Bromophenyl-phenylether	10.998	248	269206	52.803	ng	95
68) Hexachlorobenzene	11.063	284	299851	55.823	ng	97
69) Atrazine	11.157	200	270248	61.073	ng	96
70) Pentachlorophenol	11.263	266	291615	92.281	ng	97
71) Phenanthrene	11.486	178	1191592	49.497	ng	99
72) Anthracene	11.539	178	1217525	50.770	ng	100
73) Carbazole	11.692	167	1018703	44.076	ng	99
74) Di-n-butylphthalate	12.010	149	1384017	53.253	ng	99
75) Fluoranthene	12.674	202	1094692	43.206	ng	97
77) Benzidine	12.792	184	474019	114.175	ng	98
78) Pyrene	12.904	202	1056181	59.629	ng	99
80) Butylbenzylphthalate	13.510	149	441876	63.648	ng	99
81) Benzo(a)anthracene	14.092	228	784401	53.635	ng	99
82) 3,3'-Dichlorobenzidine	14.051	252	192757	41.510	ng	98
83) Chrysene	14.133	228	714228	51.136	ng	100
84) Bis(2-ethylhexyl)phtha...	14.063	149	589034	63.979	ng	99
85) Di-n-octyl phthalate	14.686	149	879107	61.616	ng	99
87) Indeno(1,2,3-cd)pyrene	17.157	276	778560	52.115	ng	97
88) Benzo(b)fluoranthene	15.163	252	760875	54.125	ng	99
89) Benzo(k)fluoranthene	15.198	252	699841	49.414	ng	98
90) Benzo(a)pyrene	15.551	252	729390	62.551	ng	98
91) Dibenzo(a,h)anthracene	17.174	278	665978	55.585	ng	97
92) Benzo(g,h,i)perylene	17.633	276	628686	49.791	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

